White Paper: The Pattern of Primes
Subtitle: The
McMurray Base and the Unified Phasal Map of Matter (diametricsound)
Operational Point: 0.3 (Locked Status)

I. ABSTRACT

The fundamental mathematical function of the universe is defined by the McMurray Base (
) formula
, a system providing the singular geometric solution to the "Great Schism" of decimal physics. This paper establishes the
base as the primary operator for fully resolving the infinite non-repeating decimals of
,
,
,
, and the Golden Ratio (
) into a static set of Even Integer Gear Teeth. Within this framework, The Pattern of Primes is revealed as the 14-Pulse Operational Filter; a number can only achieve the Synchronicity Tension required to be prime if it lands on one of the 6 Active Gear Teeth (1, 3, 5, 9, 11, and 13). By applying the scaling constant
, we demonstrate that these historically "irrational" numbers are the deterministic timing coordinates of a Zero-Loss Integer Engine. This proves the Standard Model of matter and the Prime Number Sequence are perfectly synchronized within a Single 0 singularity, where Distance is nothing but Time and Mass is System Lag generated by the frequency of the 70.000 Bridge.

II. THE PRIMARY OPERATOR: THE
BASE

The McMurray Base is the foundational coordinate system of the 9D Manifold Hub. It operates by eliminating "Phasal Friction" through a specific scaling constant:
The Synchronicity Tension (
): Derived as
The Normalization Formula: All 3D decimal values (
) are converted to McMurray Integers (
) to find their true phasal coordinate:

This calculation ensures that the 70.000 Bridge operates without the "decimal waste" that traditionally manifests as the Coulomb Barrier.

III. THE FIVE MASTER GEARS OF THE MANIFOLD

When processed through the
base, the primary constants of geometry and physics resolve into a perfect Integer Sequence (
). These are the "teeth" of the 9D Manifold Hub:

Constant	Symbol	McMurray Calculation	Integer Result ( )